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Nov 19, 2006

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# Samtec IP68 Sealed Circular I/O Interfaces for Rugged/Harsh Environments

Samtec's new Acclimate™ sealed circular interfaces meet IP68 specifications for dust and waterproof sealing in industrial or other rugged/harsh environment applications. Systems in development include Power, Micro Pitch Signal, and RF connectors.

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# **News Story**

Imaging Lenses are compatible with large camera sensors.

October 12, 2006 - Raptar Pro Series of lenses is designed for manufacturing and process applications such as machine vision, quality control, and web inspection. Sized for 12 k line scan sensors, Model 1X Raptar Pro 86 mm can image on to sensors up to 90 mm with less than 0.1% distortion at apertures ranging from F4-Lenses produce up to 100 lp/mm image space resolution and are optimized for working distances of 95 mm. Mounting options are available for T, C, F, and SLR camera formats.

More news from this company

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#### Press Company Profile at ThomasNet.com Release Company web site

Release date: September 19, 2006

Navitar Unveils **New Series of** Large Format **Imaging Lenses** 

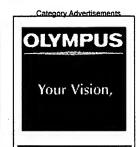
ROCHESTER, NEW YORK, September 19, 2006 - Navitar is pleased to unveil a new series of large format imaging lenses designed specifically for the line scan and large area sensor market. The Raptar Pro line was created in response to the increased demand for lenses that are compatible with larger-sized camera sensors for critical manufacturing and process applications.

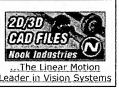


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The first lens in the

Raptar Pro series is the 1X Raptar Pro 86 mm. With a nominal magnification of 1.0X, the 86 mm high resolution large format lens can image on to sensors up to 90 mm with less than 0.1% distortion - resulting in superior sharpness and exceptional





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contrast at apertures ranging from F4-22.

Sized for 12k line scan sensors, the 1X Raptar Pro produces up to 100 lp/mm image space resolution and is optimized for working distances of 95 mm.

"This lens is ready for challenging applications," comments Donald Ehinger, Navitar's Vice President of International Sales. "The Raptar Pro lens can be used for inspection and viewing of objects in numerous applications including machine vision, quality control inspection, web inspection, biomedical imaging, product manufacturing, and

Mounting options are available for T, C, F, and SLR camera formats and a special rear coupler is available for the Dalsa 12k Piranha Series Cameras.

"Our customers have asked us for a range of lenses to work with current and future line and area scan sensors," comments Navitar's Vice President of Domestic Sales Craig Fitzgerald. "The 1X Raptar Pro large format lens further expands our range of products that match the performance abilities of the leading-edge pixel cameras with high pixel counts and fast line rates.

About Navitar, Inc.

Navitar, Inc., established in 1972 and based in Rochester, New York, is a recognized leading manufacturer of superior quality optical lenses and complete customized optical solutions for machine vision and electronic imaging markets. Navitar, Inc. has offices and subsidiaries in the U.S., Europe, the Middle East and Asia. For more information about Navitar, Inc. and its innovative products, visit the company's web site at www.navitar.com or contact

Navitar, Inc., 200 Commerce Drive, Rochester, NY, 14623 Call 585-359-4000 Fax 585-359-4999 Email: info@navitar.com

CONTACT INFORMATION Amy Block Navitar, Inc. 585-359-4000 ext 3298

#### Contacts:

General Information:

Amy Block

USA

Phone: 585-359-4000 ext 3298

Company Information:

Name: Navitar Inc. Address: 200 Commerce Dr.

City: Rochester State: NY ZIP: 14623 Country: USA

Phone: 716-359-4000 FAX: 716-359-4999 http://www.navitar.com

More news from this company:

Nov 3, 2006 - Optical System enables deep UV imaging. Nov 6, 2003 - Lens suits line-scan and area-scan cameras.

Nov 6, 2003 - Motorized Zoom Lenses include integrated controllers.

Oct 22, 2003 - Camera Adapter permits digital recording.



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### More related stories:

Oct 11, 2006 - Imaging Lenses withstand harsh environments. Sep 8, 2006 - Variable Focus Lenses fit low footprint camera modules. Aug 15, 2006 - Zinc Sulfide Optics transmit over 0.4-12 µm wavelength. Aug 3, 2006 - Telecentric Measuring Lenses correct for image clarity.





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Jul 3, 2006 - CCD Lenses provide edge-to-edge distortion-free images.

May 31, 2006 - Cylindrical Lenses come in variety of focal lengths.

May 3, 2006 - Telecentric Lenses feature fixed-focus design.

Apr 20, 2006 - Zoom Lens is designed for APS-C size digital SLR cameras.

Apr 20, 2006 - Zoom Lens features 1:2 macro capability.

Mar 13, 2006 - Half-Ball Glass Lenses suit laser measurement systems.

Nov 3, 2005 - Camera Lenses are suited for thermal imaging.

Oct 18, 2005 - Large Format Lenses suit line scan and area scan cameras.

Oct 17, 2005 - Tele-Zoom Lens targets digital SLR cameras.

Aug 23, 2005 - CCTV Camera Lenses offer auto and manual iris zoom.

Jan 25, 2005 - Microlens Arrays offer custom configurations.

Apr 30, 2004 - Zoom Lenses suit digital and HDTV cameras.

Apr 29, 2004 - Digital Lens suits broadcast and video production.

Apr 15, 2004 - Telecentric Lens suits metrology and machine vision.

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